

# Sequence Listing

<110> Mark S. Dennis

<120> FVIIa Antagonists

<130> P1639R1

<150> US 60/147,627

<151> 1999-08-06

<150> US 60/150,315

<151> 1999-08-23

<160> 100

<210> 1

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Ser Ala Glu Trp Glu Val Leu Cys Trp Thr Trp Glu Gly Cys Gly  
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Ser Val Gly Leu Val  
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Ser Glu Glu Trp Glu Val Leu Cys Trp Thr Trp Glu Asp Cys Arg  
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Leu Glu Gly Leu Glu  
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<400> 3

Trp Glu Val Leu Cys Trp Thr Trp Glu Asp Cys Glu Arg  
1 5 10

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 Trp Glu Val Leu Cys Trp Thr Trp Glu Thr Cys Glu Arg  
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 Trp Glu Val Val Cys Trp Thr Trp Glu Thr Cys Glu Arg  
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 Ser Glu Glu Trp Glu Val Leu Cys Trp Thr Trp Glu Asp Cys Arg  
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 Glu Glu Trp Glu Val Leu Cys Trp Thr Trp Glu Asp Cys Arg  
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 Glu Trp Glu Val Leu Cys Trp Thr Trp Glu Asp Cys Arg  
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Trp Glu Val Leu Cys Trp Thr Trp Glu Asp Cys Arg  
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Glu Val Leu Cys Trp Thr Trp Glu Asp Cys Arg  
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Val Leu Cys Trp Thr Trp Glu Asp Cys Arg  
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<400> 12

Cys Trp Thr Trp Glu Asp Cys Arg  
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<400> 13

Cys Trp Thr Trp Glu Asp Cys Glu Arg  
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<400> 14  
Cys Trp Thr Trp Glu Asp Cys Glu  
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<400> 15  
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Glu Trp Glu Val Leu Cys Trp Thr Trp Glu Thr Cys Glu Arg Gly  
1 5 10 15  
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<210> 19  
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Glu Glu Trp Glu Val Leu Cys Trp Thr Trp Glu Thr Cys Glu Arg  
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Gly Glu Gly Gly Gly Ser Gly Gly  
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<400> 20

Cys Trp Thr Trp Glu Thr Cys Glu Arg Gly Glu Gly Gln  
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<211> 16

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<400> 21

Glu Val Trp Glu Val Leu Cys Thr Asp Trp Glu Ser Cys Glu Trp  
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Gly

<210> 22

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<400> 22

Trp Glu Val Leu Cys Met Asp Trp Glu Thr Cys Glu Arg  
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<210> 23

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<400> 23

Glu Glu Trp Glu Val Leu Cys Trp Thr Trp Glu Thr Cys Glu Arg  
1 5 10 15

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<400> 25  
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<400> 26  
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 Gly Glu Gly Gly Gly Gly Ser Gly Gly  
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 Gly Glu Gly Gly Gly Gly Ser Gly Gly  
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<400> 28  
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1 5 10 15

Gly Glu Gly Gly Gly Gly Ser Gly Gly  
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<210> 29  
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Gly Glu Gly Gly Gly Gly Ser Gly Gly  
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Glu Glu Trp Glu Ala Leu Cys Trp Thr Trp Glu Thr Cys Glu Arg  
1 5 10 15

Gly Glu Gly Gly Gly Gly Ser Gly Gly  
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<400> 31  
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1 5 10 15

Gly Glu Gly Gly Gly Gly Ser Gly Gly  
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<400> 32  
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Gly Glu Gly Gly Gly Gly Ser Gly Gly  
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Glu Glu Trp Glu Val Leu Cys Trp Thr Trp Glu Thr Cys Ala Arg  
1 5 10 15

Gly Glu Gly Gly Gly Gly Ser Gly Gly  
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<400> 38  
Glu Glu Trp Glu Val Leu Cys Trp Thr Trp Glu Thr Cys Glu Ala  
1 5 10 15

Gly Glu Gly Gly Gly Gly Ser Gly Gly  
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Ala Glu Gly Gly Gly Gly Ser Gly Gly  
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Gly Ala Gly Gly Gly Gly Ser Gly Gly  
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<400> 41  
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1 5 10 15  
Gly Glu Ala Gly Gly Gly Ser Gly Gly  
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Gly Glu Gly Gly Gly Gly Ser Gly Gly  
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Gly Glu Gly Gly Gly Gly Ser Gly Gly  
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<400> 44  
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Gly Glu Gly Gly Gly Gly Ser Gly Gly  
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Gly Glu Gly Gly Gly Gly Ser Gly Gly  
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Glu Glu Trp Glu Val Leu Cys Phe Thr Trp Glu Thr Cys Glu Arg  
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Gly Glu Gly Gly Gly Gly Ser Gly Gly  
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Glu Glu Trp Glu Val Leu Cys Leu Thr Trp Glu Thr Cys Glu Arg  
1 5 10 15  
Gly Glu Gly Gly Gly Gly Ser Gly Gly  
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Gly Glu Gly Gly Gly Gly Ser Gly Gly  
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<400> 49.

Glu Glu Trp Glu Val Leu Cys Trp Thr Phe Glu Thr Cys Glu Arg  
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Gly Glu Gly Gly Gly Gly Ser Gly Gly  
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<400> 50

Glu Glu Trp Glu Val Leu Cys Trp Thr Leu Glu Thr Cys Glu Arg  
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Gly Glu Gly Gly Gly Gly Ser Gly Gly  
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<400> 51

Glu Glu Trp Glu Val Leu Cys Trp Thr Trp Arg Thr Cys Glu Arg  
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Gly Glu Gly Gly Gly Gly Ser Gly Gly  
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<400> 52

Glu Glu Trp Glu Val Leu Cys Trp Thr Trp Gln Thr Cys Glu Arg  
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Gly Glu Gly Gly Gly Gly Ser Gly Gly  
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<400> 53

Glu Glu Trp Glu Val Leu Cys Trp Thr Trp Glu Thr Cys Glu Lys  
1 5 10 15

Gly Glu Gly Gly Gly Gly Ser Gly Gly  
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<400> 54

Glu Glu Trp Glu Val Leu Cys Trp Thr Trp Glu Thr Cys Glu Leu  
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Gly Glu Gly Gly Gly Gly Ser Gly Gly  
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<400> 55

Glu Glu Trp Glu Val Leu Cys Trp Thr Trp Glu Thr Cys Glu Trp  
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Gly Glu Gly Gly Gly Gly Ser Gly Gly  
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<400> 56

Glu Glu Trp Glu Val Leu Ala Trp Thr Trp Glu Thr Ala Glu Arg  
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Gly Glu Gly Gly Gly Gly Ser Gly Gly  
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<400> 57  
 Trp Glu Val Leu Cys Trp Thr Trp Glu Thr Cys Glu Arg Gly Glu  
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Gly Gly Gly Gly Ser Gly Gly  
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 1 5 10 15

Gly Glu Gly Gly Gly Gly Ser Gly Gly  
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 1 5 10 15

Gly Glu Gly Gly Gly Gly Ser Gly Gly  
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 1 5 10 15

Gly Gly Gly Gly Ser Gly Gly  
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<400> 61

Phe Glu Val Leu Cys Met Thr Trp Glu Thr Cys Glu Arg Gly Glu  
1 5 10 15

Gly Gly Gly Gly Ser Gly Gly  
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1 5 10 15

Gly Glu Gly Gly Gly Gly Ser Gly Gly  
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Glu Glu Trp Glu Val Leu Cys Tyr Thr Trp Glu Thr Cys Glu Arg  
1 5 10 15

Gly Glu Gly Gly Gly Gly Ser Gly Gly  
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Glu Glu Trp Glu Val Leu Cys Trp Thr Tyr Glu Thr Cys Glu Arg  
1 5 10 15

Gly Glu Gly Gly Gly Gly Ser Gly Gly  
20

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Glu Glu Trp Glu Val Leu Cys Trp Thr Trp Glu Thr Cys Glu Trp  
1 5 10 15

Lys Glu Gly Gly Gly Gly Ser Gly Gly  
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Gly Ala Glu Trp Glu Val Leu Cys Trp Glu Trp Glu Gly Cys Glu  
1 5 10 15

Ser Val Trp Pro Gly  
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<210> 67  
<211> 20  
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Gly Ala Glu Trp Glu Val Leu Cys Trp Thr Trp Glu Gln Cys Glu  
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Phe Gly Ser Leu Val  
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Asn Ala Gly Trp Glu Val Leu Cys Trp Thr Trp Glu Asp Cys Gly  
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Pro Met Asp Pro Ala  
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<400> 69  
Arg Asp Gly Trp Glu Val Val Cys Trp Glu Trp Glu Gly Cys Glu  
1 5 10 15

Arg Ala Val Asp Val



20

<210> 70  
<211> 20  
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<400> 70  
Ser Gly Glu Trp Glu Val Leu Cys Trp Thr Trp Glu Ala Cys Gly  
1 5 10 15

Trp Glu Ser Gly Glu  
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<210> 71  
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<400> 71  
Ser Thr Glu Trp Glu Val Leu Cys Trp Thr Trp Glu Gly Cys Gly  
1 5 10 15

Trp Gly Gly Ile Glu  
20

<210> 72  
<211> 20  
<212> PRT  
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<400> 72  
Ser Asp Glu Trp Glu Val Val Cys Trp Thr Trp Glu Ala Cys Glu  
1 5 10 15

Thr Val Gly Leu Gly  
20

<210> 73  
<211> 20  
<212> PRT  
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<400> 73  
Ser Ala Glu Trp Glu Val Ile Cys Trp Thr Trp Glu Ser Cys Glu  
1 5 10 15

Trp Gly Gly Leu Gly  
20

<210> 74  
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<400> 74  
Ser Ala Glu Trp Glu Val Leu Cys Trp Thr Trp Glu Glu Cys Gly  
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Ser Val Trp Pro Pro  
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<400> 75  
Thr Ala Gly Trp Glu Val Leu Cys Trp Thr Trp Glu Asp Cys Gly  
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Pro Leu Gly Pro Val  
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<400> 76  
Ala Trp Glu Val Leu Cys Trp Ala Trp Glu Asp Cys Glu Arg Gly  
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Ala Gly Ser

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<400> 77  
Ala Trp Glu Val Val Cys Trp Ser Trp Glu Thr Cys Glu Arg Gly  
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Glu Thr Pro

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<400> 78  
Glu Trp Glu Val Val Cys Trp Ala Trp Glu Thr Cys Glu Arg Gly  
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Glu Arg Gln

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<400> 79  
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Ile Thr Leu

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<400> 80  
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Glu Arg Val

<210> 81  
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<400> 81  
Gly Trp Glu Val Val Cys Trp Ser Trp Glu Ser Cys Ala Arg Gly  
1 5 10 15  
Asp Leu Glu

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<400> 82

Ala Trp Glu Val Val Cys Trp Ser Trp Glu Thr Cys Glu  
1 5 10

<210> 83

<211> 13

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<400> 83

Glu Trp Glu Val Val Cys Trp Glu Trp Glu Asn Cys Leu  
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<210> 84

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<400> 84

Glu Trp Glu Val Leu Cys Trp Gly Trp Glu Thr Cys Ser  
1 5 10

<210> 85

<211> 13

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<400> 85

Gly Trp Glu Val Leu Cys Trp Thr Trp Glu Glu Cys Ser  
1 5 10

<210> 86

<211> 13

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<400> 86

Ser Trp Glu Val Leu Cys Trp Gln Trp Glu Glu Cys Glu  
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<210> 87

<211> 13

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Thr Trp Glu Val Leu Cys Trp Ser Trp Glu Ser Cys Glu  
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<210> 88

<211> 20

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<400> 88

Met Glu Thr Trp Glu Val Leu Cys Trp Glu Trp Glu Glu Cys Val  
1 5 10 15

Arg Gly Gly Glu Pro  
20

<210> 89

<211> 20

<212> PRT

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<220>

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<400> 89

Ala Val Glu Trp Glu Val Ile Cys Trp Ala Trp Glu Thr Cys Glu  
1 5 10 15

Arg Ser Asn Met Gln  
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<210> 90

<211> 20

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1 5 10 15

Arg Gly Glu Gln Val  
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<400> 91

Met Gln Gly Trp Glu Val Val Cys Trp Glu Trp Glu Gly Cys Ala  
1 5 10 15

Arg Gly Asp His Gln  
20

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<400> 92  
Glu Glu Gln Trp Glu Val Val Cys Trp Asp Trp Glu Thr Cys Asp  
1 5 10 15

Trp Pro Gly Lys Asp  
20

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<211> 20  
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<400> 93  
Leu Gly Glu Trp Glu Val Met Cys Trp Thr Trp Glu Ser Cys Gly  
1 5 10 15

Trp Pro Val Gly Ser  
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<210> 94  
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1 5 10 15

Arg Glu Gly Lys Gln  
20

<210> 95  
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1 5 10 15

Arg Gly Val Gly Asp

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Trp Gly Val Ala Ser  
                     20

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Arg Glu Gly Thr Gln  
                     20

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 <213> Staphylococcus aureus

<400> 98  
 Ala Gln His Asp Glu Ala Val Asp Asn Lys Phe Asn Lys Glu Gln  
     1                    5                    10                    15

Gln Asn Ala Phe Tyr Glu Ile Leu His Leu Pro Asn Leu Asn Glu  
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Glu Gln Arg Asn Ala Phe Ile Gln Ser Leu Lys Asp Asp Pro Ser  
                     35                    40                    45

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Gln Ala Pro Asn Val Asp Met Asn  
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Trp Thr Trp Glu Thr  
1 5